

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/007162

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61M1/36 A61M1/34 C08G63/672 D01F6/86

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61M C08G D01F C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 622 263 A (ANDO KATSUTOSHI ET AL) 11 November 1986 (1986-11-11) column 1, line 54 - column 3, line 34 column 6, lines 1-20	17
A	US 6 166 168 A (OHMORI SATORU ET AL) 26 December 2000 (2000-12-26) column 4, lines 57-60 column 14, line 33 - column 16, line 26 column 17, lines 48-63	1-12, 15, 16
A	US 5 399 268 A (GSELL THOMAS C ET AL) 21 March 1995 (1995-03-21) column 6, line 1 - column 7, line 61; figure 2 column 10, lines 10-16 column 16, lines 23-35	1-12, 15, 16
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the International filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the International filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

5 November 2004

Date of mailing of the international search report

24/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 6 441 152 B1 (HYLDIG-NIELSEN JENS J ET AL) 27 August 2002 (2002-08-27) abstract column 1, lines 8-14 column 6, lines 41-44</p>	1, 17

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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 13-14
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4622263	A	11-11-1986	JP 1047578 B JP 1609074 C JP 60239553 A	16-10-1989 28-06-1991 28-11-1985
US 6166168	A	26-12-2000	CA 2193766 A1 DE 69630358 D1 DE 69630358 T2 EP 0781795 A2 JP 9234244 A US 5969082 A JP 10212347 A	27-06-1997 20-11-2003 29-07-2004 02-07-1997 09-09-1997 19-10-1999 11-08-1998
US 5399268	A	21-03-1995	US 5152905 A US 5580465 A US 5360545 A US 5445736 A US 5543060 A US 5258126 A US 5316674 A AT 168577 T AT 193454 T AU 649415 B2 AU 6449690 A AU 669634 B2 AU 6861394 A CA 2025069 A1 DE 69032500 D1 DE 69032500 T2 DE 69033564 D1 DE 69033564 T2 EP 0491850 A1 EP 0856319 A2 JP 2570905 B2 JP 5501368 T KR 9510429 B1 WO 9104088 A1	06-10-1992 03-12-1996 01-11-1994 29-08-1995 06-08-1996 02-11-1993 31-05-1994 15-08-1998 15-06-2000 26-05-1994 18-04-1991 13-06-1996 24-11-1994 13-03-1991 27-08-1998 26-11-1998 06-07-2000 12-10-2000 01-07-1992 05-08-1998 16-01-1997 18-03-1993 18-09-1995 04-04-1991
US 6441152	B1	27-08-2002	WO 0034521 A1 US 2003091988 A1 US 2003073106 A1 AT 275640 T AU 1751400 A DE 69920040 D1 EP 1137807 A1	15-06-2000 15-05-2003 17-04-2003 15-09-2004 26-06-2000 14-10-2004 04-10-2001